

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B26B19/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	AT 6 076 U (PAYER LUX ELEKTROPROD) 25 April 2003 (2003-04-25) page 8, paragraph 1-3; figures 1-4	1
A	US 6 317 982 B1 (ANDREW MICHAEL A) 20 November 2001 (2001-11-20) cited in the application abstract; figures 12-14	1
A	US 4 393 585 A (NAGELKERKE PETRUS J J) 19 July 1983 (1983-07-19) column 2, line 29 - column 3, line 11; figures 1-3	1
A	US 3 950 847 A (DUDA HERBERT) 20 April 1976 (1976-04-20) column 3, lines 4-27; figures 1,2	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

15 November 2004

Date of mailing of the International search report

23/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rattenberger, B

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
AT 6076	U	25-04-2003	AT 6076 U1	25-04-2003
US 6317982	B1	20-11-2001	AU 775779 B2	12-08-2004
			AU 4867500 A	26-04-2001
			BE 1013207 A3	02-10-2001
			CA 2317852 A1	22-04-2001
			CN 1304823 A	25-07-2001
			DE 10053396 A1	26-04-2001
			ES 2176100 A1	16-11-2002
			FR 2800002 A1	27-04-2001
			GB 2355426 A ,B	25-04-2001
			HK 1037868 A1	05-07-2002
			IE 20000645 A1	02-05-2001
			IT MI20002114 A1	29-03-2002
			JP 2001129272 A	15-05-2001
			NL 1016289 C2	28-09-2001
			NZ 506166 A	30-11-2001
			SE 519226 C2	04-02-2003
			SE 0003638 A	23-04-2001
			ZA 200003616 A	07-02-2001
US 4393585	A	19-07-1983	NL 8003670 A	18-01-1982
			AT 386786 B	10-10-1988
			AT 275581 A	15-03-1988
			CA 1160440 A1	17-01-1984
			CH 653944 A5	31-01-1986
			DE 3124186 A1	01-04-1982
			ES 8204634 A1	16-08-1982
			FR 2485428 A1	31-12-1981
			GB 2078592 A ,B	13-01-1982
			IT 1136885 B	03-09-1986
			JP 1597475 C	28-01-1991
			JP 2020268 B	08-05-1990
			JP 57031887 A	20-02-1982
US 3950847	A	20-04-1976	AT 324163 B	25-08-1975
			CA 1015938 A1	23-08-1977
			DE 2432859 A1	30-01-1975
			FR 2236621 A1	07-02-1975
			GB 1479006 A	06-07-1977
			JP 1061110 C	31-08-1981
			JP 50031957 A	28-03-1975
			JP 56000070 B	06-01-1981